

FORTY-FIRST ANNUAL REPORT OF THE
BOARD OF ACTUARIES OF THE CIVIL
SERVICE RETIREMENT SYSTEM

L E T T E R

FROM

CHAIRMAN

U.S. CIVIL SERVICE COMMISSION

TRANSMITTING

THE FORTY-FIRST ANNUAL REPORT OF THE BOARD
OF ACTUARIES OF THE CIVIL SERVICE RETIREMENT
SYSTEM FOR THE FISCAL YEAR ENDED JUNE 30, 1961,
PURSUANT TO SECTION 16 OF THE CIVIL SERVICE
RETIREMENT ACT



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LETTER OF TRANSMITTAL

U.S. CIVIL SERVICE COMMISSION,
Washington, D.C., June 20, 1962.

Hon. JOHN W. McCORMACK,
Speaker of the House of Representatives.

DEAR MR. SPEAKER: The Commission is pleased to send you herewith the 41st Annual Report of the Board of Actuaries of the Civil Service Retirement System for the fiscal year ended June 30, 1961, submitted in pursuance of section 16 of the Civil Service Retirement Act.

The report has also been sent to the President of the Senate.

Sincerely yours,

JOHN W. MACY, Jr., *Chairman.*

III

LETTER OF SUBMITTAL

NEW YORK, N.Y., *April 30, 1962.*

U.S. CIVIL SERVICE COMMISSION,
Washington, D.C.

DEAR COMMISSIONERS: The Board of Actuaries appointed under section 16(g) of the Civil Service Retirement Act has the honor to submit herewith its 41st annual report on the operation of the fund.

The report gives a statement of the Government appropriation necessary to finance the fund on the normal cost-plus-interest basis, under the benefit and contribution provisions of the act as amended to June 30, 1961, and on the basis of the estimated membership of the fund as of that date.

Respectfully submitted.

GEORGE B. BUCK,
R. R. REAGH,
DORRANCE C. BRONSON,
Board of Actuaries, Civil Service Retirement System.

v

41st ANNUAL REPORT OF THE BOARD OF ACTUARIES OF THE CIVIL SERVICE RETIREMENT SYSTEM

The civil service retirement and disability fund was established in 1920 to furnish retirement benefits to officers and employees of the U.S. Government who become superannuated in governmental service, or incapacitated before attaining old age. The Retirement Act makes provision for a Board of Actuaries of the Civil Service Retirement System and in section 16(g) defines the chief duties of the Board, as follows:

* * * to report annually upon the actuarial status of the system and to furnish its advice and opinion on matters referred to it by the Commission, and it shall have the authority to recommend to the Commission and to the Congress such changes as in the Board's judgment may be deemed necessary to protect the public interest and maintain the system upon a sound financial basis. The Commission shall keep or cause to be kept such records as it deems necessary for making periodic actuarial valuations of the Civil Service Retirement System, and the Board shall make such valuations at intervals of five years, or oftener if deemed necessary by the Commission. * * *

This report, which has been prepared as of June 30, 1961, is the 41st annual report of the Board of Actuaries. The report gives first a summary of the main benefit and contribution provisions of the act as amended to June 30, 1961. This summary is followed by an estimate of the present membership and a table showing the number and amount of annuities in force on June 30, 1961. The report next gives a discussion of the appropriation payable by the Government for the support of the fund. Statements giving the results of a valuation of the liabilities on account of annuities in force as of June 30, 1961, and the results of the mortality experience of annuitants for the past year are then submitted. In conclusion, the Board makes certain comments on the present operation of the fund.

SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS OF THE CIVIL SERVICE RETIREMENT ACT

Public Law 87-114, approved July 31, 1961, made permanent the new annuities and increases in annuities granted under Public Law 85-165.

The following summary states the main benefit and contribution provisions of the Retirement Act currently in effect as they were interpreted by the Board of Actuaries. "Average salary" is used to denote the average annual basic salary received by the employee during any 5 consecutive years of creditable service which affords the highest average. "Lump-sum credit" means the unrefunded amount consisting of the retirement deductions made from the employee's basic salary; any sums deposited by the employee covering prior service; and interest on such deductions and deposits, at 4 percent per annum to December 31, 1947, and at 3 percent per annum thereafter, compounded annually to December 31, 1956, or, in the case of an employee who separates before he has 5 years of service, to

the date of separation. The lump-sum credit does not include interest if the service covered thereby aggregates 1 year or less.

BENEFITS

Service retirement

*Condition for eligibility.*¹—Retirement is compulsory at age 70 after 15 years of service, with certain exceptions.

Retirement is permissible at the option of the employee at age 60 after 30 years of service or at age 62 and 5 years of service. A Member of Congress may retire at age 60 after 10 years of Member service.

At the option of the employee at age 55 after 30 years of service, or upon involuntary separation not due to misconduct or delinquency after 25 years of service, or after age 50 and 20 years of service, or upon separation from service of a Member of Congress other than by resignation or expulsion after age 50 and after having served in 9 Congresses, an immediate annuity is payable equal to the regular annuity reduced by one-twelfth of 1 percent for each full month not in excess of 60, and one-sixth of 1 percent for each full month in excess of 60 the employee is under age 60.

*Amount of benefit.*²—The annuity is equal to—

(1) The larger of—

(a) 1½ percent of the employee's average salary multiplied by so much of his total service as does not exceed 5 years; or

(b) 1 percent of the employee's average salary, plus \$25, multiplied by so much of his total service as does not exceed 5 years; plus

(2) The larger of—

(a) 1¼ percent of the employee's average salary multiplied by so much of his total service as exceeds 5 years but does not exceed 10 years; or

(b) 1 percent of the employee's average salary, plus \$25, multiplied by so much of his total service as exceeds 5 years but does not exceed 10 years; plus

(3) The larger of—

(a) 2 percent of the employee's average salary multiplied by so much of his total service as exceeds 10 years; or

(b) 1 percent of the employee's average salary, plus \$25, multiplied by so much of his total service as exceeds 10 years.

No annuity is to exceed 80 percent of the employee's average salary exclusive of that provided by voluntary contributions.

Disability retirement

Condition for eligibility.—Retirement is permissible upon disability after 5 years of civilian service.

¹ Certain employees who have rendered 20 years of service in the investigation, apprehension, or detention of persons suspected or convicted of offenses against the criminal laws of the United States are eligible to retire after age 50 and receive an annuity of 2 percent of average salary multiplied by the number of years of service.

² An additional annuity of \$36 for each year of certain specified service in Alaska or on the Isthmus of Panama is allowed officers and employees who are citizens of the United States. The annuity of a congressional employee or former congressional employee is computed as above except that for each year of military service and service as a congressional employee, not in excess of 15 years, and for each year of Member service, the annuity is equal to 2½ percent of average salary provided he has at least 5 years of service as a congressional employee or Member or any combination of such service. The annuity of a Member of Congress or of a former Member with title to a Member annuity is computed as above except that if he has had at least 5 years of service as a Member or a congressional employee or any combination of such service, the annuity for each year of Member service and creditable military service and for each year of congressional service not in excess of 15 years, is equal to 2½ percent of average salary: the maximum annuity is 80 percent of final salary exclusive of that provided by voluntary contributions.

Amount of benefit.—The benefit is determined by the same method as used for service retirement. The minimum annuity is 40 percent of the employee's average salary but never greater than the annuity he would be entitled to were his service to include the period elapsing between the date of separation and the date he attains age 60. The provision for a minimum benefit does not increase the annuity payable to any survivor.

An individual generally may not receive retirement annuity and compensation for injury or disability to himself from the U.S. employees' compensation fund for the same period, but if eligible for both benefits must choose one or the other. However he may concurrently receive annuity and scheduled disability payments or medical services.

Deferred retirement

Condition for eligibility.—Upon separation from service after 5 or more years of civilian service, a deferred annuity is payable at age 62. A Member separated with 10 years of Member service may receive a deferred annuity beginning at age 60, or, with 20 years of service (including 10 years Member service) may receive a deferred annuity beginning at age 50, reduced as described under "service retirement."

Amount of benefit.—The deferred annuity is computed by the same method as the regular annuity.

An employee may elect to receive his lump-sum credit in lieu of the deferred annuity, provided separation occurs and application is filed at least 31 days before the annuity commencing date.

Lump-sum benefits

Upon separation from active service before completion of 5 years of civilian service, the employee's lump-sum credit is paid to him.

Upon death before 5 years of civilian service or after 5 years of civilian service where there is no survivor entitled to an annuity, the employee's lump-sum credit is paid to his beneficiary.

Upon death of a retired employee before the payments of the annuity equal the lump-sum credit the difference is paid, unless there is a survivor entitled to an annuity. Upon termination of all survivor annuities before total annuity payments equal the lump-sum credit, the difference is paid.

Annuities to dependents upon death in active service

Condition for eligibility.—Annuities to dependents are paid upon death of an employee in active service after 5 years of civilian service.

Amount of benefit.—(a) If survived by a widow or dependent widower, an annuity beginning after the death of the employee equal to one half regular annuity is payable until death or remarriage of widow or widower or until the widower becomes capable of self-support.

(b) If survived by a widow or widower each surviving child who received more than one-half his support from the employee shall be paid an annuity equal to the smallest of (1) 40 percent of the employee's average salary divided by the number of children, (2) \$600, or (3) \$1,800 divided by the number of children.

(c) If survived by a child or children and there is no widow or widower, each surviving child shall be paid an annuity, equal to the smallest of (1) 50 percent of the employee's average salary divided

by the number of children, (2) \$720, or (3) \$2,160 divided by the number of children.

Upon death of the widow or widower, the annuity payable under (b) to a child or children is recomputed and paid as provided in (c).

The annuity payable to a child is terminated upon attainment of age 18, marriage, or death, whichever is earlier, except if such child is incapable of self-support by reason of mental or physical disability incurred before age 18 his annuity is terminated only upon death, marriage, or recovery from such disability.

Upon termination of the annuity of a child, the annuities to other children are recomputed as though the child whose annuity was terminated had not survived the employee.

Optional benefits

At retirement a married employee may elect to receive in lieu of his or her regular annuity a reduced annuity payable during the employee's life and an annuity payable to the surviving widow or widower equal to 50 percent of as much of his regular annuity before reduction as he designated. The annuity to the survivor commences after the retired employee dies and ceases upon death or remarriage. The reduction in the employee's annuity exclusive of any portion of the annuity payable on account of the minimum provisions in cases of disability retirement is $2\frac{1}{2}$ percent of so much of the regular annuity as he designated as does not exceed \$2,400, plus 10 percent of any excess over \$2,400.

At service or deferred retirement any unmarried employee in good health may elect to receive in lieu of his regular annuity a reduced annuity payable during his life and an annuity payable after his death to a survivor annuitant equal to 50 percent of such reduced annuity. The annuity payable to the employee is reduced by 10 percent of his regular annuity and by an additional 5 percent of the regular annuity for each full 5 years the person designated is younger than the retiring employee but such total reduction shall not exceed 40 percent.

Annuities to dependents upon death after retirement

Upon the death of an annuitant, benefits calculated in the same manner and payable under the same conditions as those granted upon the death of employees in active service are payable to surviving children.

CONTRIBUTIONS

By employees

Regular.—Employees other than Members of Congress pay $6\frac{1}{2}$ percent of salary commencing October 1, 1956. Members of Congress pay $7\frac{1}{2}$ percent of salary for Member service commencing October 1, 1956.

Voluntary.—Any employee who does not owe a deposit for prior service may contribute additional sums in multiples of \$25, but the total amount may not exceed 10 percent of the employee's basic salary for service rendered since August 1, 1920. Voluntary contributions earn 3 percent interest, compounded annually. Any regular contributions made by an employee after he has performed sufficient service to entitle him to the maximum annuity are first applied to any deposit due, and the balance is deemed to be voluntary contributions. Additional annuity may be purchased at retirement

by the voluntary contribution account, or it may be refunded at any time prior to receipt of any additional annuity.

By Government

Beginning July 1957, each employing agency must contribute amounts equal to the deductions of its employees.

While no direct appropriations are required by law, estimates of amounts needed to finance the fund on a "normal cost-plus-interest basis" are to be submitted.

ESTIMATED ACTIVE MEMBERSHIP AS OF JUNE 30, 1961

The active membership of the fund as of June 30, 1961, was estimated by the Civil Service Commission to consist of 2,200,000 employees with an annual payroll of \$12,982 million.

ANNUITANTS ON THE ROLL AS OF JUNE 30, 1961

The following table summarizes the number and amount of annuities in force on June 30, 1961, as shown by the records of annuitants maintained by the Civil Service Commission. On pages 10 to 17 of this report, the distributions of the number and annuities of annuitants on the roll as of June 30, 1961, by age are given.

TABLE I.—The number and annual annuities of annuitants on the roll as of June 30, 1961

Group	Regular annuities		Voluntary annuities		Total annuities
	Number	Amount	Number	Amount	
Retired on account of age and voluntary and involuntary separations:					
Men.....	227, 247	\$502, 729, 752	5, 022	\$1, 439, 340	\$504, 169, 092
Women.....	57, 053	91, 658, 676	2, 173	501, 360	92, 160, 036
Total.....	284, 300	594, 388, 428	7, 195	1, 940, 700	596, 329, 128
Retired on account of disability:					
Men.....	87, 850	137, 951, 112	628	126, 948	138, 078, 060
Women.....	24, 373	32, 329, 788	307	49, 992	32, 379, 780
Total.....	112, 223	170, 280, 900	935	176, 940	170, 457, 840
Survivors of deceased employees:					
Children.....	26, 271	11, 003, 064			11, 003, 064
Widows.....	49, 603	42, 401, 556			42, 401, 556
Widowers.....	52	28, 908			28, 908
Total.....	75, 926	53, 433, 528			53, 433, 528
Survivors of deceased annuitants: ¹					
Children.....	6, 265	2, 571, 804			2, 571, 804
Widows:					
Terminable on death, remarriage or attainment of age 50.....	362	201, 144			201, 144
Terminable on death or remarriage.....	31, 406	33, 572, 244			33, 572, 244
Terminable on death only.....	30, 734	17, 374, 716			17, 374, 716
Widowers.....	965	472, 776			472, 776
All others:					
Men.....	46	27, 000			27, 000
Women.....	201	180, 528			180, 528
Total.....	70, 039	54, 400, 212			54, 400, 212
Widows and widowers granted annuities under sec. 2 of Public Law 85-465.....	16, 032	8, 175, 288			8, 175, 288
Grand total.....	559, 120	880, 678, 356	8, 130	2, 117, 640	882, 795, 996

¹ Includes voluntary annuities continued to survivors.

METHOD OF FINANCING PLAN

Each employee contributes 6½ percent of his compensation and each employing agency matches the contributions of its employees. The act does not specifically provide for direct appropriations by the Government but does state that "the Commission shall submit estimates of the appropriations necessary to finance the fund on a normal cost-plus-interest basis and to continue this Act in full force and effect". Under this provision, the estimated appropriation submitted by the Commission should consist of the part of the normal contribution not met by employees' contributions and those of employing agencies, and interest on the deficiency.

The normal contribution rate is the average percentage of the salaries of new employees that is required to be paid into the fund from the time they enter service until they leave service in order to accumulate sufficient funds to pay their benefits. Contributions at the normal contribution rate alone will not support the fund for present employees because there is an accrued liability in the fund for which no appropriations have been made, and which is referred to as the "deficiency." This deficiency arose originally when the fund was established and employees were given credit for their prior service during which no contributions had been made by the Government. This deficiency has grown during the years the fund has operated for various reasons including liberalization of benefits and inadequate contributions. If the deficiency is not to increase in the future the full normal contribution should be met and interest on the deficiency paid. Any amount needed to meet these requirements over and above the contributions provided by members and the matching contributions of the employing agencies will need to be met by Government appropriations if the fund is to be financed on the "normal cost-plus-interest basis."

ANNUAL APPROPRIATION OF GOVERNMENT AS OF JUNE 30, 1961

The following statement as of June 30, 1961, gives an estimate of the amount payable by the Government on the basis of the estimated payroll as of that date should it make an annual appropriation equal to the normal cost not met by the contributions of employees and employing agencies plus the interest on the deficiency.

TABLE II.—Total annual contributions required to support the civil service retirement system on the normal cost-plus-interest method prepared as of June 30, 1961

Contribution	Normal cost as—		Deficiency cost as—		Total cost as—	
	Percent of payroll	Annual amount	Percent of payroll	Annual amount	Percent of payroll	Annual amount
Total.....	13.83	\$1,795,411,000	7.62	\$976,408,000	21.35	\$2,771,819,000
Payable by employees.....	6.50	843,830,000	-----	-----	6.50	843,830,000
Payable by employing agencies.....	6.50	843,830,000	-----	-----	6.50	843,830,000
Payable by Government.....	.83	107,751,000	7.62	976,408,000	8.35	1,084,159,000

The normal cost to support the benefits accruing on account of current service is equivalent to 13.83 percent of payroll, which is the normal cost shown in last year's report. The employees contribute 6.50 percent toward the normal cost and the employing agencies match their employees' contributions. Therefore, there remains 0.83 percent to be appropriated by the Government to meet the normal cost. On the basis of the estimated payroll as of June 30, 1961, this represents an annual payment of \$107,751,000. In addition to the normal cost, the table shows a deficiency payment of \$976,408,000 to meet the accruing interest at 3 percent on the estimated deficiency as of June 30, 1961. Therefore, the total annual appropriation needed in addition to the contributions of employees and employing agencies is \$1,084,159,000, if the fund is to be supported on the "normal cost-plus-interest basis."

The amount of the annual deficiency payment is greater than that shown in last year's report due to the fact that during the fiscal year 1961 no direct appropriation was made by the Government and due to the passage of Public Law 87-114. As a result, the deficiency which as of June 30, 1960, was approximately \$31,143 million has increased to approximately \$32,547 million. The increase consists of about \$330 million on account of the liability assumed under Public Law 87-114 and the remainder on account of the unpaid interest on the deficiency at the beginning of the year, the deficiency in interest income and the part of the accruing normal cost, with interest thereon, that exceeded the contributions by employees and the employing agencies. Since no direct appropriation is being made by the Government for the year 1962, the deficiency next year will again be greater by the amount of the deficit in the normal contribution and the interest on the deficiency. The deficiency will continue to increase until the full normal cost is met and interest on the deficiency is paid.

LIABILITIES OF FUND ON ACCOUNT OF ANNUITANTS ON THE ROLL
AS OF JUNE 30, 1961

In accordance with its usual practice, the Board of Actuaries is presenting below the results of a valuation of the liabilities of the fund on account of annuitants on the roll. This valuation, prepared as of June 30, 1961, was based on the mortality tables included in the 38th annual report of the Board. A 3 percent interest rate was used.

TABLE III.—*Liabilities on account of annuitants as of June 30, 1961*

Group	Present value of benefits to annuitants on the roll		
	Regular annuities	Voluntary annuities	Total annuities
Retired on account of age and voluntary and involuntary separation	\$5,518,880,000	\$18,201,000	\$5,537,081,000
Retired on account of disability	1,674,978,000	1,684,000	1,676,662,000
Reversionary annuities to designated beneficiaries ¹	1,111,185,000		1,111,185,000
Survivorship annuities ¹	1,286,633,000		1,286,633,000
Total	9,591,676,000	19,885,000	9,611,561,000

¹ Includes voluntary annuities.

In the 40th annual report of the Board, the liabilities on account of annuities payable to annuitants on the roll as of June 30, 1960, were shown to be \$8,584,696,000, as compared with \$9,611,561,000 as of June 30, 1961, or an increase in liabilities of more than a billion dollars during the year ended June 30, 1961.

SUMMARY OF MORTALITY EXPERIENCE OF ANNUITANTS FOR THE
YEAR ENDED JUNE 30, 1961

For the purpose of making a check of the mortality tables adopted for annuitants, the actual and expected number of deaths during the past year were compared, separately for men and women who had retired on account of age, or voluntary or involuntary separation from service; and for men and women who had retired on account of disability. The following table summarizes the results of the comparison

TABLE IV.—Summary of the comparison of the actual and expected deaths among annuitants July 1, 1960, to June 30, 1961

Group	Number of deaths			Ratio of actual cases to expected cases
	Actual	Expected	Difference	
Employee annuitants retired on account of age, voluntary or involuntary separation:				
Men.....	11,111	11,860.5	+749.5	0.937
Women.....	1,453	1,620.0	+167.0	.897
Employee annuitants retired on account of disability:				
Men.....	5,058	5,594.7	+536.7	.904
Women.....	837	943.1	+106.1	.887

A check of the tables used for widows was also prepared this year. The following table summarizes the comparison.

TABLE V.—Summary of the actual and expected terminations among female survivors of deceased employees and annuitants, July 1, 1960, to June 30, 1961

Cause of termination	Number of terminations			Ratio of actual cases to expected cases
	Actual	Expected	Difference	
Death.....	3,349	3,608.3	+259.3	0.928
Remarriage.....	1,024	903.3	-120.7	1.134

The expected terminations shown in the preceding tables were based on the mortality and termination rates shown in the Board's 38th report. The actual rates of mortality among all classes of annuitants were again less than the expected rates. The divergence of the actual rates from the expected rates was greater than in the previous year. A change to more conservative mortality tables will probably be necessary at the time of the next quinquennial valuation.

CONCLUSIONS

From June 30, 1959, to June 30, 1960, the deficiency increased from \$28,363 million to \$31,143 million or by 9.8 percent. From June 30, 1960, to June 30, 1961, the corresponding increase in the deficiency was from \$31,143 million to \$32,547 million or an increase of 4.5 percent. The combined increase for the past 2 years was therefore 14.7 percent or slightly over one-seventh of the June 30, 1959, figure.

The above figures indicate that the deficiency is increasing at an alarming rate. In addition the checks on the mortality experience of pensioners indicate that more conservative mortality tables are in order and such a step would further increase the deficiency.

The Board therefore once more reiterates and emphasizes more than ever before the need for action on the recommendations which were presented in its previous reports. Many supporting arguments have been given in such reports but probably no better argument can be rendered than the fact that the deficiency is growing at an alarming rate, thereby throwing a greater and greater burden on future taxpayers to take care of currently accruing costs of the system.

The recommendations of the Board may be summarized as follows:

1. Direct appropriations should be made by the Government equal to the amount by which the joint contributions of employees and employing agencies fall short of meeting the normal cost plus the amount of accruing interest on the deficiency.

2. Actuarial valuations of the fund should be made more frequently, especially when insufficient appropriations are being made and as a result the deficiency is rapidly increasing.

The Board notes with satisfaction the amendment made by Public Law 87-350 in establishing the current average market yield on U.S. securities as the basis for determining the interest rate on investments of the retirement fund. While this has increased the rate on new investments, the great bulk of the fund remains invested at the lower average coupon basis. The Board's estimates of required annual contributions and liabilities on account of annuitants, given in tables II and III of this report, are still predicated on a 3-percent interest rate. The effect of Public Law 87-350 will be carefully considered by the Board in its next valuation.

TABLE 1.—The number and regular monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1961—Retired on account of age and voluntary and involuntary separations

Age	Men		Women		Age	Men		Women	
	Num-ber	Monthly annuities	Num-ber	Monthly annuities		Num-ber	Monthly annuities	Num-ber	Monthly annuities
44.....	3	\$967			76.....	6,771	\$1,150,134	1,762	\$220,481
45.....	4	1,112	2	\$357	77.....	6,281	1,060,596	1,582	193,331
46.....	8	1,804	5	1,120	78.....	5,324	893,166	1,321	160,575
47.....	18	3,457	3	468	79.....	4,726	769,511	1,110	136,731
48.....	40	8,323	5	816	80.....	3,866	635,204	897	110,986
49.....	46	10,105	7	1,243	81.....	3,426	550,519	752	95,329
50.....	96	23,857	13	2,158	82.....	2,891	458,024	648	79,662
51.....	174	43,780	29	5,498	83.....	2,314	366,146	525	66,104
52.....	233	55,270	58	10,495	84.....	1,878	286,770	418	53,950
53.....	296	71,361	60	11,087	85.....	1,660	253,736	367	49,658
54.....	353	79,985	70	12,212	86.....	1,272	196,512	274	34,571
55.....	572	137,903	101	16,761	87.....	999	156,907	216	27,966
56.....	1,333	334,289	234	48,958	88.....	725	113,702	149	19,623
57.....	1,749	440,124	283	59,818	89.....	558	86,598	124	15,398
58.....	2,034	507,810	355	73,516	90.....	390	59,772	84	11,134
59.....	2,688	673,699	513	107,368	91.....	283	44,707	69	8,319
60.....	3,008	762,067	579	132,602	92.....	201	32,030	54	6,473
61.....	4,071	1,078,447	824	187,020	93.....	140	22,927	37	5,362
62.....	5,240	1,292,904	1,466	259,515	94.....	96	16,006	15	1,500
63.....	8,235	1,787,084	2,856	401,150	95.....	71	10,934	19	2,401
64.....	9,597	1,976,200	3,217	425,518	96.....	31	4,618	8	896
65.....	12,367	2,433,313	3,486	459,531	97.....	22	3,601	8	1,173
66.....	14,643	2,750,630	3,776	496,909	98.....	20	3,189	5	725
67.....	15,407	2,770,169	3,716	468,223	99.....	6	965	2	188
68.....	14,825	2,633,630	3,606	460,961	100.....	7	1,071		
69.....	14,799	2,539,771	3,473	429,243	101.....	3	441	1	24
70.....	13,519	2,375,665	3,331	423,421	102.....	1	96		
71.....	14,283	2,527,008	3,640	464,544	103.....	1	73		
72.....	13,031	2,307,755	3,466	440,476	104.....	1	105		
73.....	12,112	2,025,420	2,988	380,157					
74.....	9,873	1,631,795	2,313	289,216	Total...	227,247	41,894,146	57,053	7,638,223
75.....	8,626	1,431,312	2,131	265,297					

TABLE 2.—The number and voluntary monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1961—Retired on account of age and voluntary and involuntary separations

Age	Men		Women		Age	Men		Women	
	Num-ber	Monthly annuities	Num-ber	Monthly annuities		Num-ber	Monthly annuities	Num-ber	Monthly annuities
50.....	2	\$60			74.....	240	\$7,567	86	\$1,920
51.....			2	\$56	75.....	206	5,677	89	1,613
52.....		13	4	70	76.....	168	4,932	95	2,012
53.....	4	223			77.....	149	4,552	57	953
54.....	3	41			78.....	130	3,558	62	974
55.....	6	61	2	61	79.....	91	2,380	34	648
56.....	17	256	8	224	80.....	92	2,617	37	580
57.....	21	492	6	107	81.....	69	1,625	25	473
58.....	27	521	6	69	82.....	51	1,266	19	258
59.....	32	451	18	302	83.....	31	799	15	214
60.....	49	882	23	470	84.....	29	826	11	128
61.....	111	1,493	34	670	85.....	33	852	8	122
62.....	153	2,461	57	938	86.....	15	470	6	62
63.....	188	2,682	114	2,022	87.....	12	391	5	60
64.....	225	4,421	94	1,692	88.....	10	245	3	44
65.....	259	5,176	119	2,167	89.....	5	64	2	67
66.....	348	7,109	137	2,875	90.....	3	99	3	19
67.....	322	7,332	158	3,241	91.....	2	123	1	25
68.....	335	7,676	141	2,963	92.....	1	5		
69.....	298	7,008	125	2,358	93.....	1	1		
70.....	387	8,829	148	2,537	94.....	1	38		
71.....	400	10,024	139	3,148					
72.....	267	8,014	153	3,381	Total...	5,022	119,945	2,173	41,780
73.....	227	6,540	127	2,237					

TABLE 3.—The number and regular monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1961—Retired on account of disability

Age	Men		Women		Age	Men		Women	
	Num-ber	Monthly annuities	Num-ber	Monthly annuities		Num-ber	Monthly annuities	Num-ber	Monthly annuities
24.....			2	\$248	63.....	4, 218	\$505, 144	1, 312	\$146, 658
25.....	3	\$424	2	332	64.....	4, 504	605, 364	1, 127	123, 895
26.....	7	1, 031	3	863	65.....	5, 597	707, 125	1, 137	126, 110
27.....	5	891	8	1, 002	66.....	5, 466	663, 918	1, 026	108, 880
28.....	20	2, 592	9	1, 076	67.....	4, 775	549, 790	922	94, 936
29.....	33	4, 229	15	1, 923	68.....	4, 233	472, 581	811	80, 526
30.....	39	5, 122	17	2, 050	69.....	3, 726	394, 950	779	77, 403
31.....	47	6, 439	21	2, 756	70.....	2, 818	298, 203	661	64, 095
32.....	82	10, 600	23	2, 415	71.....	2, 363	245, 343	535	52, 679
33.....	113	13, 829	30	3, 114	72.....	2, 080	209, 545	506	51, 692
34.....	215	27, 911	40	5, 209	73.....	1, 714	171, 754	395	40, 320
35.....	252	31, 895	60	7, 219	74.....	1, 202	121, 708	318	32, 605
36.....	361	45, 616	86	9, 754	75.....	930	97, 846	295	30, 817
37.....	409	53, 461	102	10, 921	76.....	625	70, 829	207	27, 161
38.....	506	64, 984	132	15, 240	77.....	569	61, 793	200	21, 231
39.....	619	79, 209	143	16, 555	78.....	429	47, 499	166	17, 034
40.....	680	90, 367	148	17, 558	79.....	405	44, 104	150	16, 435
41.....	775	103, 343	164	18, 629	80.....	330	38, 196	129	13, 840
42.....	790	103, 275	159	17, 033	81.....	284	31, 222	112	11, 704
43.....	829	111, 614	206	24, 254	82.....	264	31, 360	107	12, 024
44.....	866	117, 443	201	23, 921	83.....	202	25, 848	82	9, 276
45.....	978	132, 610	211	24, 382	84.....	175	20, 720	72	8, 086
46.....	945	125, 012	262	30, 350	85.....	138	16, 872	59	7, 207
47.....	1, 038	141, 429	288	34, 336	86.....	90	11, 350	43	5, 577
48.....	1, 098	152, 410	331	38, 453	87.....	07	8, 271	30	3, 798
49.....	1, 209	166, 161	411	47, 033	88.....	37	4, 480	36	4, 201
50.....	1, 241	176, 822	364	42, 065	89.....	40	4, 966	18	2, 184
51.....	1, 481	210, 416	459	55, 149	90.....	29	3, 765	17	2, 257
52.....	1, 635	237, 481	512	58, 586	91.....	24	3, 154	11	1, 457
53.....	1, 734	258, 642	605	70, 597	92.....	4	666	3	457
54.....	1, 842	277, 819	615	69, 416	93.....	8	884	4	421
55.....	1, 993	291, 121	704	80, 357	94.....	5	584	2	156
56.....	2, 090	324, 302	695	89, 274	95.....	2	221	2	244
57.....	2, 115	338, 430	777	87, 455	96.....	2	202		
58.....	2, 247	354, 368	842	96, 124	98.....	1	186		
59.....	2, 560	400, 232	970	111, 461	100.....	1	113		
60.....	2, 696	425, 469	919	104, 505	102.....	1	58		
61.....	3, 557	532, 235	1, 302	145, 634					
62.....	3, 467	513, 647	1, 195	139, 350					
					Total.....	87, 850	11, 495, 926	24, 373	2, 694, 149

TABLE 4.—The number and voluntary monthly annuities of annuitants on the roll classified by sex and age as of June 30, 1961—Retired on account of disability

Age	Men		Women		Age	Men		Women	
	Number	Monthly annuities	Number	Monthly annuities		Number	Monthly annuities	Number	Monthly annuities
35.....			1	\$1	66.....	50	\$823	12	\$243
42.....			1	44	67.....	30	551	16	283
43.....	3	\$29			68.....	35	592	11	146
44.....			1	22	69.....	48	1,313	19	292
45.....	2	16	1	4	70.....	27	424	17	191
46.....	2	12			71.....	25	422	9	142
47.....	4	28	1	16	72.....	24	390	16	210
48.....	2	75	5	16	73.....	14	279	7	25
49.....	4	49	2	12	74.....	17	221	5	59
50.....	2	8	2	15	75.....	9	68	7	62
51.....	6	54			76.....	7	60	5	45
52.....	4	63	5	88	77.....	8	117	1	84
53.....	9	139	2	13	78.....	7	61	2	7
54.....	7	86	1	1	79.....	7	188	1	31
55.....	11	92	8	25	80.....	4	59	6	97
56.....	9	128	7	125	81.....			3	28
57.....	16	239	3	18	82.....	3	43	1	8
58.....	14	236	9	175	83.....	2	6	1	17
59.....	22	314	11	184	84.....	2	9	1	4
60.....	15	207	9	62	85.....	2	38		
61.....	19	293	14	228	86.....	1	14		
62.....	28	483	18	243	87.....	1	1		
63.....	23	507	21	213	91.....			1	5
64.....	50	1,045	19	378					
65.....	53	797	25	354	Total...	628	10,579	307	4,166

TABLE 5.—The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1961—Survivors of deceased employees

Age	Children		Widows		Widowers	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
Under 6 months.....	13	\$531				
1.....	116	4,072				
2.....	205	8,113				
3.....	372	14,614				
4.....	510	20,042				
5.....	683	26,176				
6.....	815	29,548				
7.....	1,010	35,811				
8.....	1,166	40,596				
9.....	1,363	45,935				
10.....	1,562	53,254				
11.....	1,765	58,449				
12.....	1,983	67,784				
13.....	2,305	77,808				
14.....	2,681	92,222				
15.....	2,681	93,317				
16.....	2,410	84,265				
17.....	2,528	89,036				
18.....	1,437	50,809				
19.....	46	1,668				
20.....	33	1,272				
21.....	17	663	1	\$45		
22.....	25	989	6	278		
23.....	22	818	3	95		
24.....	25	865	9	308		
25.....	21	825	10	249		
26.....	35	1,317	21	618		
27.....	20	676	27	761		
28.....	21	602	45	1,530		
29.....	20	729	61	2,095		
30.....	24	1,011	75	2,531		
31.....	26	920	82	2,675		
32.....	30	1,155	103	3,572		
33.....	25	800	157	5,956		
34.....	21	795	221	9,488		
35.....	27	948	224	9,121		

TABLE 5.—The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1961—Survivors of deceased employees—Con.

Age	Children		Widows		Widowers	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
36.....	25	\$007	281	\$12, 519		
37.....	22	841	336	15, 441		
38.....	23	644	409	19, 938	1	\$75
39.....	31	1, 173	477	22, 626		
40.....	26	1, 040	544	28, 109		
41.....	20	673	586	30, 723		
42.....	10	408	606	33, 256		
43.....	11	477	699	40, 415		
44.....	10	351	679	39, 157		
45.....	17	520	729	45, 282	1	36
46.....	6	206	879	54, 141		
47.....	7	253	929	57, 809		
48.....	9	260	966	63, 829		
49.....	4	143	1, 000	72, 354		
50.....	2	63	1, 151	81, 194		
51.....	4	199	1, 358	83, 351		
52.....	2	52	1, 428	98, 388		
53.....	2	51	1, 482	106, 786		
54.....	4	164	1, 602	116, 313	1	52
55.....	1	41	1, 648	110, 091	1	17
56.....	1	30	1, 771	129, 693	1	20
57.....	1	41	1, 806	133, 670	1	27
58.....			1, 871	139, 953	3	90
59.....			1, 043	141, 362		
60.....			1, 973	152, 543	2	68
61.....			2, 295	174, 456	2	64
62.....			1, 986	154, 422	1	60
63.....			2, 228	169, 809	1	32
64.....			1, 886	144, 246	1	8
65.....			1, 818	145, 008		
66.....			1, 732	135, 500	5	240
67.....			1, 661	122, 506	8	545
68.....			1, 350	104, 762	1	64
69.....			1, 174	93, 437	3	144
70.....			1, 013	76, 636	3	85
71.....			806	71, 249		
72.....			748	59, 547	2	53
73.....			609	46, 690		
74.....			409	31, 020		
75.....			370	27, 889	4	195
76.....			314	23, 150	2	180
77.....			251	19, 638	3	131
78.....			105	14, 127	2	80
79.....			129	9, 383	1	33
80.....			107	7, 658	1	25
81.....			84	5, 030		
82.....			50	2, 850		
83.....			36	1, 779		
84.....			24	1, 340		
85.....			17	711		
86.....			9	408		
87.....			8	606	1	85
88.....			4	214		
89.....			6	220		
90.....			1	30		
Total.....	26, 271	916, 922	49, 603	3, 533, 463	52	2, 409

TABLE 6.—The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1961—Survivors of deceased annuitants ¹

Age	Children		Age	Children		Age	Children	
	Num-ber	Monthly annuities		Num-ber	Monthly annuities		Num-ber	Monthly annuities
Under 6 months.....	1	\$19	20.....	6	\$144	41.....	16	\$580
1.....	20	647	21.....	8	319	42.....	16	604
2.....	31	991	22.....	11	325	43.....	14	555
3.....	53	1,890	23.....	13	427	44.....	9	302
4.....	91	3,208	24.....	12	116	45.....	9	357
5.....	104	3,462	25.....	17	655	46.....	12	419
6.....	169	5,756	26.....	16	516	47.....	7	256
7.....	171	5,656	27.....	15	568	48.....	14	572
8.....	229	7,185	28.....	11	430	49.....	7	269
9.....	265	8,809	29.....	17	660	50.....	8	305
10.....	291	9,651	30.....	10	503	51.....	6	194
11.....	354	11,570	31.....	16	630	52.....	8	320
12.....	371	12,223	32.....	10	302	53.....	3	117
13.....	498	16,500	33.....	19	623	54.....	2	54
14.....	614	20,840	34.....	15	495	55.....	3	107
15.....	695	24,559	35.....	23	923	56.....	2	59
16.....	699	23,911	36.....	21	798	57.....	3	103
17.....	733	25,929	37.....	17	551	58.....	1	22
18.....	385	13,790	38.....	17	643	59.....	1	33
19.....	16	575	39.....	27	1,033			
			40.....	22	876	Total.....	6,265	214,317

Age	Widows, annuities terminable on—					
	Death, remarriage or attainment of age 50		Death or remarriage		Death only	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
21.....			1	\$17		
23.....			2	49		
25.....			1	20		
26.....			1	16		
27.....			4	82		
28.....			3	58		
29.....	1	\$10	9	312		
30.....			8	329		
31.....	2	76	12	358		
32.....	2	112	13	535	1	\$55
33.....	2	65	13	573	2	51
34.....	5	187	20	989	2	31
35.....	6	251	32	1,870	3	38
36.....	5	130	54	2,707	3	122
37.....	13	367	47	1,835	3	72
38.....	10	411	58	3,009	7	198
39.....	11	377	80	3,543	7	185
40.....	12	703	85	4,194	10	255
41.....	18	690	100	5,446	8	268
42.....	18	1,008	102	6,032	17	557
43.....	21	969	104	5,769	16	517
44.....	30	1,395	113	6,908	33	974
45.....	39	2,070	148	8,193	32	1,005
46.....	34	1,846	147	9,959	39	1,196
47.....	39	1,620	204	13,371	55	1,882
48.....	34	1,786	226	15,191	64	2,233
49.....	43	1,910	241	16,942	85	2,980
50.....	17	779	267	19,018	83	3,147
51.....			362	26,293	120	4,245
52.....			418	31,592	143	5,488
53.....			482	35,115	162	6,494
54.....			498	39,907	176	6,998
55.....			616	49,206	178	6,364
56.....			731	59,186	250	9,225

¹ Includes voluntary annuities continued to survivors.

TABLE 6.—The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1961—Survivors of deceased annuitants¹—Con.

Age	Widows, annuities terminable on—					
	Death, remarriage or attainment of age 50		Death or remarriage		Death only	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
57.....			818	\$68,363	258	\$10,032
58.....			934	76,680	332	13,081
59.....			1,123	97,692	356	13,500
60.....			1,077	92,880	395	15,327
61.....			1,393	120,556	558	21,766
62.....			1,293	115,699	517	20,612
63.....			1,507	133,733	667	26,201
64.....			1,385	130,047	664	26,620
65.....			1,537	139,480	757	30,139
66.....			1,549	143,450	834	34,358
67.....			1,520	143,828	910	39,710
68.....			1,466	135,517	991	41,055
69.....			1,503	144,500	1,103	47,758
70.....			1,303	122,697	1,128	49,834
71.....			1,262	124,505	1,256	56,722
72.....			1,177	113,197	1,294	61,113
73.....			1,128	109,949	1,444	69,583
74.....			871	87,745	1,363	65,853
75.....			774	77,540	1,497	73,755
76.....			642	66,401	1,373	68,924
77.....			542	50,596	1,510	77,503
78.....			395	39,143	1,388	71,823
79.....			316	28,560	1,313	67,607
80.....			227	20,795	1,159	59,800
81.....			178	16,202	1,119	58,618
82.....			102	9,618	994	52,417
83.....			76	6,065	885	47,948
84.....			54	4,778	728	40,126
85.....			49	4,110	650	34,577
86.....			21	1,549	496	26,279
87.....			20	1,524	365	19,838
88.....			9	718	264	15,127
89.....			9	586	235	13,333
90.....			1	39	130	7,523
91.....			1	62	111	5,710
92.....			1	44	59	3,133
93.....			1	121	47	2,536
94.....					34	1,968
95.....					18	914
96.....					15	683
97.....					4	243
98.....					3	170
100.....					1	54
101.....					1	28
Total.....	362	\$16,762	31,466	2,797,687	30,734	1,447,893

¹ Includes voluntary annuities continued to survivors.

TABLE 6.—The number and monthly annuities of survivor annuitants on the roll classified by age as of June 30, 1961—Survivors of deceased annuitants ¹—Con.

Age	Widowers		Other men		Other women	
	Number	Monthly annuities	Number	Monthly annuities	Number	Monthly annuities
18					1	\$30
26			1	\$47		
29			2	87		
31			1	4		
32			1	3	1	73
34	2	\$67				
35	1	13				
36					2	75
37	1	55	2	107		
38					1	79
39	2	21	1	20	1	35
40	1	17				
41	1	23			2	45
42	2	53	1	78		
43	1	48			2	48
44	1	22	1	48		
45	5	202	2	76	2	100
46	4	210			2	85
47	5	133	1	11	1	40
48	8	339			3	236
49	7	176			2	56
50	8	356	1	104	4	170
51	5	218	4	404	3	251
52	9	456	2	49	4	185
53	16	560	2	66	4	322
54	12	488	1	166	3	214
55	11	499			5	378
56	15	776	2	93	3	99
57	21	873	1	112	4	289
58	15	534	2	124	4	106
59	10	410	1	6	1	123
60	19	642	3	46	3	266
61	15	575	1	45	5	287
62	19	771			1	163
63	32	1,612			7	371
64	29	1,484			9	630
65	20	896	2	112	3	80
66	34	1,324			3	288
67	41	2,091	2	72	5	263
68	47	2,287	2	31	9	679
69	40	1,481			10	665
70	33	1,272	1	41	8	512
71	24	895	2	92	7	696
72	40	1,906	2	61	4	472
73	32	1,328			8	747
74	30	1,030			9	1,043
75	29	1,246			8	616
76	27	1,180			5	512
77	43	1,654			5	451
78	34	1,139	1	116	6	508
79	25	919	1	29	12	1,099
80	22	791			5	434
81	24	1,000			4	196
82	28	977			5	535
83	17	612				
84	14	571			1	35
85	18	667			1	185
86	18	691			1	98
87	0	383				
88	10	420				
89	11	355				
90	2	59			1	136
91	7	225				
92	3	76				
93	1	76			1	34
94	3	127				
95	1	8				
99	1	69				
Total	965	39,398	46	2,250	201	15,044

¹ Includes voluntary annuities continued to survivors.

CIVIL SERVICE RETIREMENT SYSTEM, 1961

TABLE 7.—The number and monthly annuities of widows and widowers granted annuities under sec. 2 of Public Law 85-465 classified by age as of June 30, 1961

Age	Num-ber	Monthly annuities	Age	Num-ber	Monthly annuities	Age	Num-ber	Monthly annuities
44.....	3	\$73	65.....	490	\$18,540	86.....	345	\$14,915
45.....	1	36	66.....	519	20,090	87.....	284	12,166
46.....	3	87	67.....	508	19,710	88.....	195	8,566
47.....	13	451	68.....	571	22,623	89.....	198	8,583
48.....	12	450	69.....	624	24,796	90.....	104	4,533
49.....	16	496	70.....	578	24,038	91.....	113	4,902
50.....	29	893	71.....	632	28,375	92.....	91	4,113
51.....	25	830	72.....	688	28,957	93.....	55	2,348
52.....	40	1,226	73.....	814	34,557	94.....	36	1,535
53.....	60	1,890	74.....	643	27,254	95.....	42	1,683
54.....	66	2,230	75.....	732	30,609	96.....	20	844
55.....	79	2,736	76.....	678	28,982	97.....	7	299
56.....	113	3,763	77.....	666	29,118	98.....	3	112
57.....	135	4,533	78.....	634	28,777	99.....	6	239
58.....	172	6,025	79.....	692	29,750	100.....	2	77
59.....	222	7,356	80.....	571	24,472	101.....	1	32
60.....	213	7,564	81.....	592	25,642	102.....	1	42
61.....	327	11,827	82.....	529	23,143	104.....	1	37
62.....	322	11,989	83.....	454	19,605			
63.....	377	13,701	84.....	406	17,435			
64.....	406	15,333	85.....	373	16,178			
						Total.....	16,632	681,274